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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. VI No. 1 McKEE PRINT. January, 1958

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1958, averaged 75,170 barrels daily a decrease of 564 barrels from the average December production of 75,734.

The ten refineries in the State processed 65,283 Barrels of crude oil daily for the month of January, 1958, an increase of 3,127 barrels daily from the 62,156 barrels processed daily during the month of December, 1957.

During January, 35 wells were completed, 17 oil, 2 gas wells and 16 dry holes.

During January, the Commission issued 26 permits to drill new wells a decrease of 6 from the 32 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF JANUARY, 1958

IN STORAGE JANUARY 1st:	
By Producers	319,586
By Transporters	745,067
By Refiners	776,264
TOTAL STORAGE	1,840,917
Produced in Montana During Month	2,339,293
Imported During Month	1,198,978
TOTALS	5,370,193
DISPOSITION:	
Refined in Montana	2,023,770
Exported	1,486,125
Used for Fuel or Lost	15,628
TOTAL	3,525,523
IN STORAGE JANUARY 31st:	
By Producers	328,707
By Transporters	724,709
By Refiners	791,254
TOTAL STORAGE	1,844,670

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1958

Field	M Cu. Ft.
Bears Den	0
Big Coulee	74,814
Bowdoin	266,800
Bowes	126,054
Box Elder	0
Cabin Creek	57,531
Cedar Creek	756,405
Cut Bank (Including Reagan)	1,721,114
Devon	0
Dry Creek	187,392
Elk Basin	35,444
Flat Coulee	40,091
Golden Dome	4,645
Hardin	6,197
Keith Block	334,182
Kevin Sunburst	123,485
Pine	83,003
Plevna	17,274
Utopia	88,396
Whitlash	154,222
Miscellaneous	49,005
TOTAL	4,126,054

Total Withdrawal for January, 1957 were 4,576,980 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF JANUARY, 1958

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	721	3,139	.....	2,709	.....	1,151
1	Bannatyne	2	.....	460	.....	460	.....	.....
10	Big Wall	26	3,746	21,541	.....	21,203	.....	4,084
6	Blackfoot	9	1,299	7,110	.....	6,390	.....	2,019
4	Border	8	.....	1,050	.....	1,050	.....	.....
20	Bowes	87	9,382	25,129	25,861	.....	.....	8,650
1	Bredette	1	1,847	1,309	1,551	.....	.....	1,605
4	North Bredette	4	2,645	12,693	9,247	4,576	74	1,441
1	Brorsen	2	1,188	2,094	1,250	.....	.....	2,032
	Bynum	....	114	.....	.....	.....	.....	114
4	Cabin Creek	66	19,160	348,297	345,179	.....	6,208	16,070
28	Cat Creek	85	5,603	15,535	16,270	.....	.....	4,868
1	Clark's Fork	1	509	354	.....	777	.....	86
2	Clark's Fork North	2	3,015	14,583	.....	15,455	.....	2,143
2	Cupton	2	1,163	1,959	1,484	.....	.....	1,638
348	Cut Bank	1,157	113,395	211,945	212,731	.....	32	112,577
3	Deer Creek	5	1,351	8,783	8,741	.....	.....	1,393
3	Delphia	3	1,029	7,122	.....	6,858	.....	1,293
2	Devil's Basin	2	529	23	.....	.....	.....	552
5	Dry Creek	5	1,045	7,725	7,911	.....	.....	859
20	Elk Basin	58	6,271	224,397	223,293	.....	.....	7,375
3	Fertile Prairie	3	1,390	956	1,166	.....	.....	1,180
2	Frannie	2	445	3,969	3,143	.....	.....	1,271
1	Gage	1	469	154	.....	292	.....	331
3	Gas City	12	3,628	24,773	24,019	.....	.....	4,382
6	Glendive	12	4,354	58,209	58,675	.....	.....	3,888
4	Ivanhoe	12	4,992	31,426	.....	32,627	392	3,399
208	Kevin-Sunburst	1,470	15,900	84,159	84,001	.....	134	15,924
	Lake Basin	....	496	.....	.....	.....	.....	496
1	Line Coulee	1	589	2,245	2,143	.....	.....	691
1	Little Beaver	7	3,126	16,462	17,031	.....	.....	2,557
2	East Little Beaver	3	1,648	5,257	4,236	.....	458	2,211
5	Melstone	7	3,803	7,231	.....	8,958	.....	2,076
2	Mosser	8	.....	472	.....	472	.....	.....
10	Outlook Area	10	11,615	11,427	.....	10,353	.....	12,689
11	Pennel	23	5,493	56,765	54,972	.....	.....	7,286
5	Pine	122	17,066	447,092	444,293	.....	.....	19,865
77	Pondera	321	8,408	49,393	49,488	.....	.....	8,313
11	East Poplar	98	21,236	370,080	353,428	14,366	.....	23,522
3	Northwest Poplar	4	841	2,239	.....	1,624	.....	1,456
3	Ragged Point	7	1,887	11,243	.....	9,826	.....	3,304
1	Rattlesnake Butte	1	86	.....	.....	.....	.....	86
4	Reagan	44	2,573	17,900	17,477	.....	.....	2,996
1	Repeat	1	265	5,674	5,614	.....	.....	325
4	Richey	8	3,529	12,667	13,046	.....	.....	3,150
2	Snyder	4	1,890	2,926	.....	2,726	.....	2,090
5	Soap Creek	18	4,074	8,494	.....	4,589	.....	7,979
1	Southwest Richey	1	994	684	920	.....	.....	758
19	Sumatra	61	9,982	119,878	113,886	3,364	278	12,332
3	Sweetgrass Hills	3	644	493	.....	389	5	743
10	Whitlash	28	5,625	9,580	8,195	1,813	.....	5,197
9	Wolf Springs	20	6,196	50,176	49,811	.....	.....	6,561
2	Woodrow	2	1,161	3,026	3,657	.....	.....	530
	Yellowstone	...	1,169	.....	.....	.....	.....	1,169
885		3,843	319,586	2,330,298	2,162,719	150,877	7,581	328,707

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1957	27,121,962	74,306	27,037,808	74,076
January, 1958	2,330,298	75,170	2,313,596	74,632

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1957	319,586	745,067	776,264	1,840,917
January, 1958	328,707	724,709	791,254	1,844,670

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF JANUARY, 1958

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,709				2,709		
BANNATYNE—Truck			460			460			
BIG WALL—Truck			21,203			12,283	8,920		
BLACKFOOT—Union Oil Co.			6,390			6,390			
BORDER—Truck			1,050			1,050			
BOWES—									
Trigood Oil Co.	5,273	3,613			189				8,697
The Texas Co.		22,247				22,247			
	5,273	25,860			189	22,247			8,697
BRORSON—Sun Oil Co.		1,250					1,250		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	303,486	823,408		535,711	(2)		1,333,136		329,471
Shell Pipe Line Corp.	2,739	107,542			73			106,689	3,519
	306,225	930,950		535,711	71		1,333,136	106,689	332,990
CAT CREEK—									
Continental Pipe Line Co.	7,326	12,891			(149)	14,317			6,049
Wm. Hanlon		3,379				3,379			
	7,326	16,270			(149)	17,696			6,049
CLARK'S FORK—Truck			16,232				16,232		
CUT BANK—									
Big West Oil Co.		3,082		4,856		7,938			
Darling Gathering System Inc.	2,651	14,570				13,943			3,278
Phillips Petroleum Co.	42,062	41,494			867			47,001	35,688
Texas Pipe Line Co.	90,563	45,731		35,505	667	87,030		20,310	63,742
Toronto Pipe Line Co.	25,616	59,418			(4)			55,103	29,935
Union Oil Co.	155,497	50,929		45,350	666	107,435			143,675
	316,389	215,224		85,711	2,196	216,396		122,414	276,318
DELPHIA—Truck			6,858			6,858			
DRY CREEK—Ohio Oil Co.	8,695	8,105			49	6,513			10,238
ELK BASIN—Ohio Oil Co.		223,293				190,666	32,627		
FRANNIE—Ohio Oil Co.		3,143					3,143		
GAGE—Truck			292			292			
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	10,153	71,074			909		17,566	56,539	6,213
IVANHOE—Truck			32,627				32,627		
KEVIN-SUNBURST—									
Big West Oil Co.	4,474	38,546				40,799			2,221
Homestake Oil & Gas Co.		3,867			77	3,790			
The Texas Pipe Line Co.	4,082	39,478		1,431	543	40,366			4,082
Anna Aronow	139	1,422						1,431	130
	8,695	83,313		1,431	620	84,955		1,431	6,433
MELSTONE—Truck			8,958			8,958			
MOSSER—Truck			472				472		
PONDERA—Phillips Petr. Co.	52,196	48,730		30,270	1,541	77,691			51,964
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	14,896	367,798			400			366,448†	15,846
Truck			29,490				29,490		
	14,896	367,798	29,490		400		29,490	366,448	15,846
RAGGED POINT—Truck			9,826			9,826			
REAGAN—Union Oil Co.		17,477				17,477			
SNYDER—Truck			2,726			2,726			
SOAP CREEK—Truck			4,589				4,589		
SUMATRA—									
Powder River Pipe Line	7,724	112,234			561	115,158			4,239
Trucks			3,364				3,364		
	7,724	112,234	3,364		561	115,158	3,364		4,239
SWEETGRASS HILLS—Truck			389			389			
WHITLASH—									
Homestake Oil & Gas Co.	3,193			8,394	25	9,968			1,594
Western Natural Gas Co.	133	8,195						7,996	332
Truck			1,813			1,813			
	3,326	8,195	1,813	8,394	25	11,781		7,996	1,926
WOLF SPRINGS—									
Powder River Pipe Line Co.	4,169	48,285				48,658			3,796
TOTALS	745,067	2,181,201	149,448	661,517	6,412	858,470	1,486,125	661,517	724,709

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

†Tranferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JANUARY, 1958

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Bannatyne							460				460
Big Wall					11,099						11,099
Blackfoot										5,264	5,264
Border								1,623			1,623
Bowes				20,699							20,699
Cat Creek			14,442			3,938					18,380
Clark's Fork					1,878						1,878
Cut Bank	14,005						23,449	120,839		104,794	263,087
Delphia						3,886					3,886
Dry Creek					10,748						10,748
Elk Basin		110,709	50,127								160,836
Gage					292						292
Kevin-Sunburst	51,729							32,049			83,778
Melstone					8,245						8,245
Pondera	730						53,222				53,952
Ragged Point					9,473						9,473
Reagan										17,477	17,477
Soap Creek									4,121		4,121
Sumatra			265		113,279						113,544
Sweetgrass Hills	389										389
Whitlash								18,413		1,415	19,828
Wolf Springs		42,697				465					43,162
Total Montana Oil	66,853	153,406	64,834	20,699	155,014	8,289	77,131	172,924	4,121	128,950	852,221
Canadian Oil Imported										5,527	5,527
Wyoming Oil Imported		504,997	284,153		375,581	1,291					1,166,022
TOTAL Montana, Canadian and Wyoming Oil	66,853	658,403	348,987	20,699	530,595	9,580	77,131	172,924	4,121	134,477	2,023,770

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1957	25,264	575	37,438	63,277
January, 1957	24,298	230	41,245	65,773
January, 1958	27,491	179	37,613	65,283

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
40.13%	.40%	59.47%
36.94%	.35%	62.71%
42.11%	.28%	57.61%